



PUBLIC NOTICE

File Number: NRS 14.099

Pursuant to Chapter 0400-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and §401 Water Quality Certification. This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Brian King
Tennessee Children's Home
804 Branham Hughes Circle
Spring Hill, TN 37174
931-486-1231

LOCATION: Unnamed tributary to McCutcheon Creek, Tennessee Children's Home property at Highway 31/Kedron Road, Spring Hill, Maury County, TN (Lat: 35.747105/Lon: -86.934236)

PROJECT DESCRIPTION: The applicant proposes to extend the existing culvert under Highway 31 by a total of 408 feet to develop approximately 5 acres by constructing new group houses to expand the existing Children's Home services.

Impact 1: Latitude: 35.747105 Longitude: -86.934236
Unnamed tributary to McCutcheon Creek

Extend the existing ~8X5.5 ft. culvert under Highway 31 by a total of 408 feet of 10'X6' box culvert. The impacts to this tributary would be mitigated at a second property two miles northwest of the impact site that is within the same watershed. The mitigation would involve cattle exclusion, willow tree planting along both banks and a permanent protective deed restriction along 2,280 feet of McMeen Branch, a tributary of Walden Branch, located on Doctor Robertson Road from Lat: 35.759141/ Lon: -86.975612 to Lat: 35.753151/ Lon: -86.976470. The ratio would be approximately 5.6:1 and would satisfy the mitigation requirement.

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED / WATERBODY DESCRIPTION: Unnamed tributary to McCutcheon Creek is in the Lower Duck River watershed. The Lower Duck River Watershed is located in Middle Tennessee and includes parts of Dickson, Giles, Hickman, Humphreys, Lawrence, Lewis, Maury, Perry and Williamson counties. It drains approximately 1,548 square miles and empties

to the Tennessee Western Valley Watershed. For more information on this watershed please visit <http://www.state.tn.us/environment/water/watersheds/lower-tennessee-river.shtml>

McCutcheon Creek (TN06040003034_0300) is in the Inner and Outer Nashville Basin Ecoregions (71h & 71i). The channel dimensions are as follows: channel bottom width 6-8', channel top width 8-10', water depth (1-3"), and bank height (3-4'). Typical substrate in this section is comprised of gravel, cobble, and clay.

McCutcheon Creek (TN06040003034_0300) was assessed in 2005. It is supporting its designated uses. The stream is available for additional impacts to habitat.

Stream Name / ID #: McCutcheon Creek (TN06040003034_0300)

Ecoregion: Inner and Outer Nashville Basin Ecoregions (71h & 71i).

Stream Dimension:

Channel bottom width	6-8'
Channel top width	8-10'
Water depth	1-3"
Bank height	3-4'

Substrate: gravel, cobble, and clay

Designated Use	Use Support	Causes
Fish and aquatic life	fully supporting	
Recreation	fully supporting	
Industrial water supply	fully supporting	
Irrigation	fully supporting	
Livestock watering & wildlife	fully supporting	

This stream is available for additional impacts to habitat.

Assessment Date: 2005

PERMIT COORDINATOR: Brian Canada

FACTORS CONSIDERED: In deciding whether to issue or deny a permit, the department will consider all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination will be made regarding the lost value of the resource compared to the value of any proposed mitigation. The department shall consider practicable alternatives to the alteration. The department shall also consider loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the department's address listed below and to the attention of the permit coordinator.

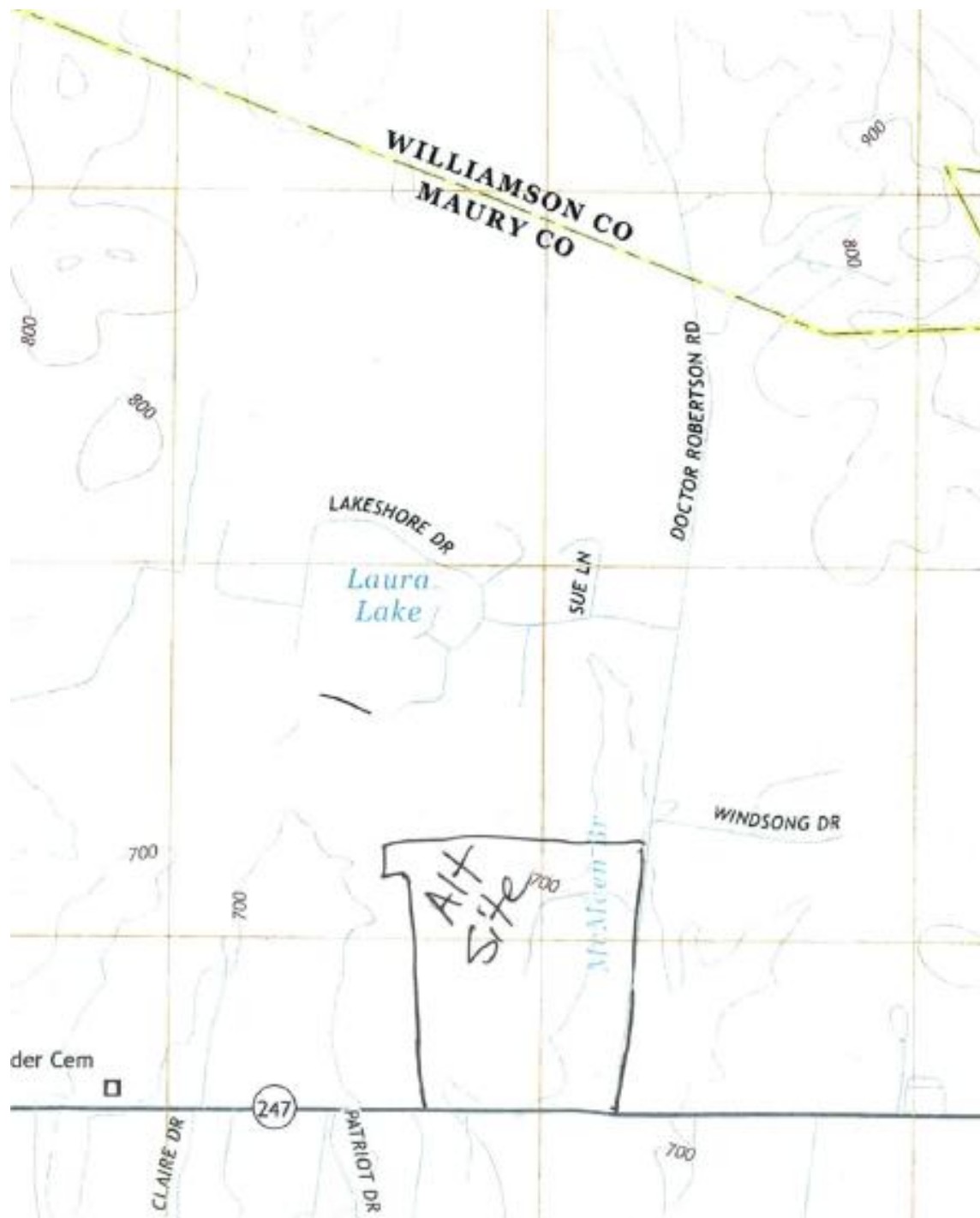
PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing. Send all public hearing request to the department's address listed below and to the attention of the permit coordinator.

APPEAL: A permit appeal may be filed, pursuant to T.C.A. §§ 69-3-105(i) and Rule 0400-40-05, by the permit applicant or by any aggrieved person who participated in the public comment period announced by this notice. This petition must be filed within THIRTY (30) DAYS after public notice of the issuance of the permit. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11th floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Resources, Natural Resources Unit
William R. Snodgrass Tennessee Tower
312 Rosa L. Parks Avenue, 11th Floor
Nashville, Tennessee 37243





Location of the proposed mitigation site on Dr. Robertson Road.

PROPOSED AQUATIC RESOURCE ALTERATION PERMIT (ARAP) REQUEST - MITIGATION PLAN ON DR. ROBINSON ROAD TO MITIGATE GRADING PLAN TENNESSEE CHILDREN'S HOME



(APPROX 11.5 ACRES)
NE CORNER OF INTERSECTION OF
US HIGHWAY 31 AND KEDRON ROAD
804 BRANHAM HUGHES CIRCLE
SPRING HILL, MAURY COUNTY, TN 37174

TN Children's US 31(Main Street)/Kedron Road 103 Acre Site
408 LF of Box Culvert(the Loss of Resource)

Mitigation Factor of 2280/408 = 5.58
within range of 4 to 6:1 required for mitigation of stream loss

Plantings shall include cypress, arbutus, and other native
trees in buffer.

Gates, fence and other means normal and acceptable to
exclude cattle from the buffer area as shown may be improved
as needed and will be subject to annual inspections for the first

3 years
IN DEPT OF ENVIRONMENT
AND CONSERVATION

MAY 0 5 2015

DIV OF WATER RESOURCES
RECEIVED

M-1.0

TENNESSEE CHILDRENS HOME
804 BRANHAM HUGHES CIRCLE
SPRING HILL, TENNESSEE 37174

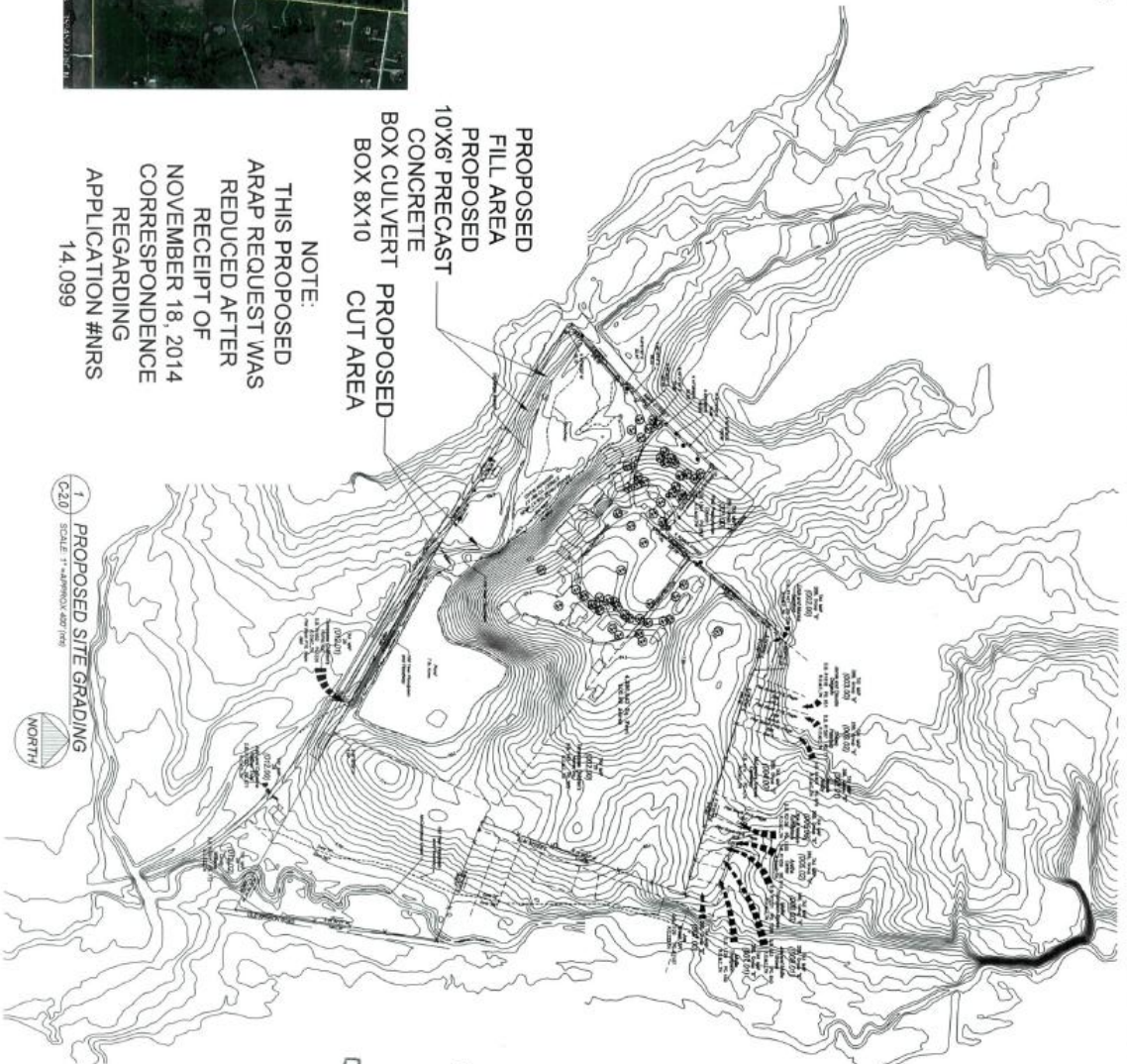


TN Children's Home
804 BRANHAM HUGHES
Spring Hill TN 37174
931 486 2274

SUMMARY OF MAJOR CHANGES
TO THIS ARAP REQUEST

NRS14.099:

1. Length of project has been shortened to lessen impacts
2. City of Spring Hill supports project.
3. Water Quality Protection & Mitigation measures equal to 5.3 times the impacted resource (ie effected stream length) will be performed on streams McMeen Branch in close proximity to the project in Spring Hill on the other Tennessee Childrens Home Site of approximately 85 acres located at the Northwest corner of the intersection of Dr. Robinson Road and Beechcroft Road in Spring Hill NW of the impacted site.



PROPOSED
FILL AREA
PROPOSED
10'X6' PRECAST
CONCRETE
BOX CULVERT
PROPOSED
CUT AREA

NOTE:
THIS PROPOSED
ARAP REQUEST WAS
REDUCED AFTER
RECEIPT OF
NOVEMBER 18, 2014
CORRESPONDENCE
REGARDING
APPLICATION #NRS
14.099

PROPOSED SITE GRADING
SCALE 1" = 400' (MAX 400' DIA)



Legend
Survey Map
Proposed
Proposed
Proposed
Proposed



EXISTING CULVERT
UNDER HIGHWAY
31/MAIN STREET IS
96"X66"98X5.5)

PROPOSED 10'X6'
PRECAST CONCRETE
BOX CULVERT BOX
8X10

SEE PROPOSED CUT
/FILL NO RISE
CERTIFICATION

TN DEPT OF ENVIRONMENT
AND CONSERVATION
MAY 05 2015
DIV OF WATER RESOURCES
RECEIVED



PROJECT CONTACTS
MR. BELL ALSUP
MR. BRIAN KING, PRES
804 BRANHAM HUGHES CIR
SPRING HILL, TN 37174
931 486 2274

TENNESSEE CHILDRENS HOME
804 BRANHAM HUGHES CIRCLE
SPRING HILL, TENNESSEE 37174

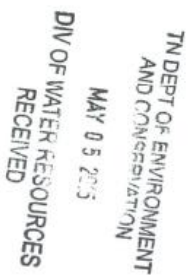
SITE GRADING
PLAN - WHOLE
AREA

C-2.0

SITE DATA CHART	
Total Site Area	101.10 Acres (4,403,002 SF)
Building Coverage as a percentage of Site Area	2% ESTIMATE ONLY (68,000 SF)
Gross Building Floor Area	
Total Landscaped Area as a percentage of Site Area	38%

PROPOSED FILE
AREA PROPOSED
10'X6' PRECAST
CONCRETE BOX
CULVERT
**request shortens
from 480 if
to 408 if length of
proposed culvert

PROPOSED SITE GRADING
1
C-3.0
Approximate as SHOWN SCALE 1" = 15'
Scale subject to sheet size (24x36)



Legend	
Bench Mark	
Iron Pin	
Iron Rod	
Power Pole	
Wood Pole	

C-3.0

PROPOSED
SITE GRADING
PLAN

TENNESSEE CHILDRENS HOME
804 BRANHAM HUGHES CIRCLE
SPRING HILL, TENNESSEE 37174



KE

MR. BILL ALSUP
MR. BRIAN KING, PRES
TENNESSEE CHILDREN'S HOME
804 BRANHAM HUGHES CIR
SPRING HILL, TN 37174

